

LABORATORI NAZIONALI DEL GRAN SASSO

SEMINAR ANNOUNCEMENT

On **September 26, 2008**, at **11:00 am**, **Vuk Mandic** from **University of Minnesota (USA)** will give a seminar entitled:

“LIGO: Status and Recent Results”

Abstract

Laser Interferometer Gravitational-wave Observatory (LIGO) has built three multi-kilometer interferometers designed to search for gravitational waves. LIGO Scientific Collaboration recently completed a year-long science run at the design sensitivity, and is currently commissioning the next phase of the experiment, the Enhanced LIGO. I will review the current status of LIGO and the most recent results of the search for stochastic background of gravitational waves. I will also describe efforts being undertaken at the Homestake mine toward designing the third generation of gravitational-wave detectors.

(“B. Pontecorvo” room)